

F I G . 1

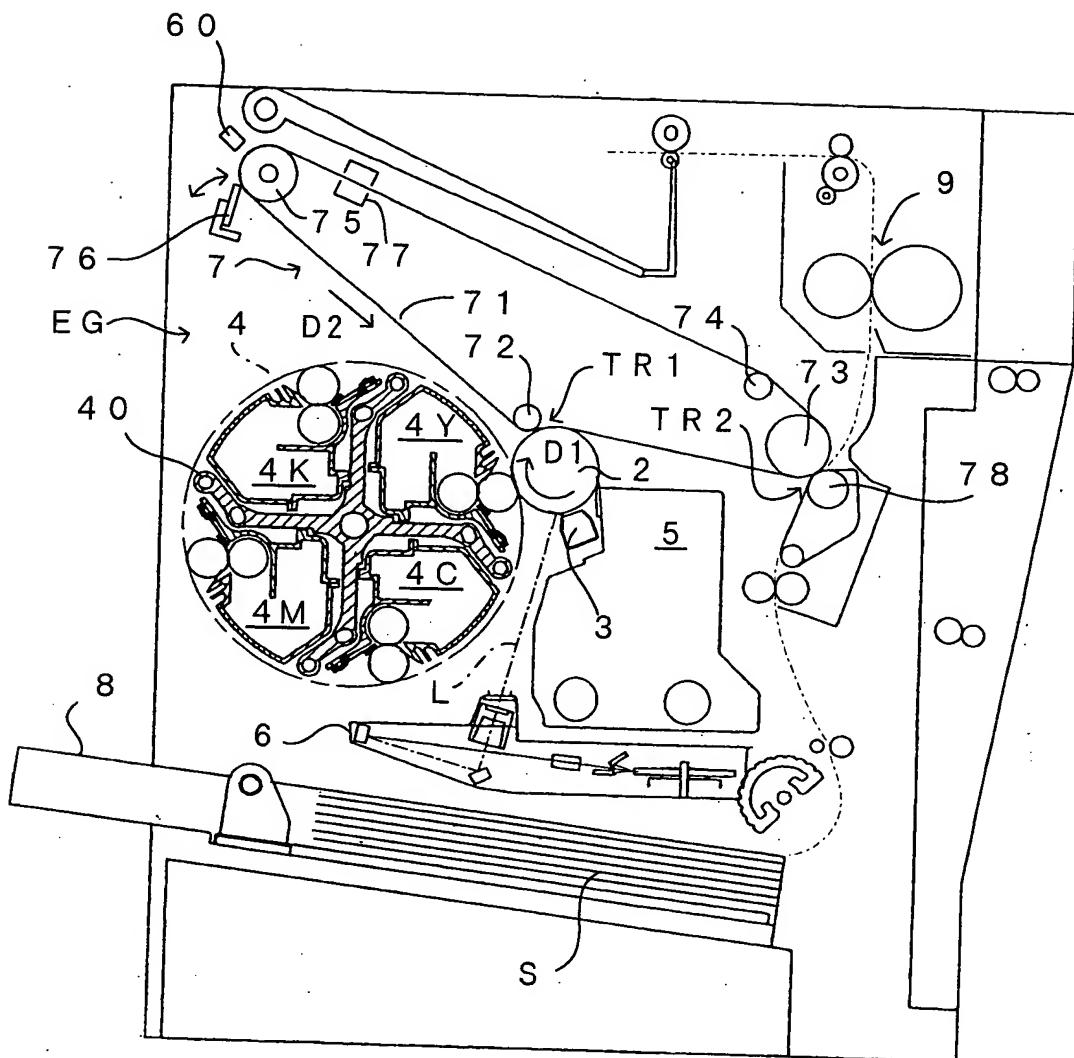
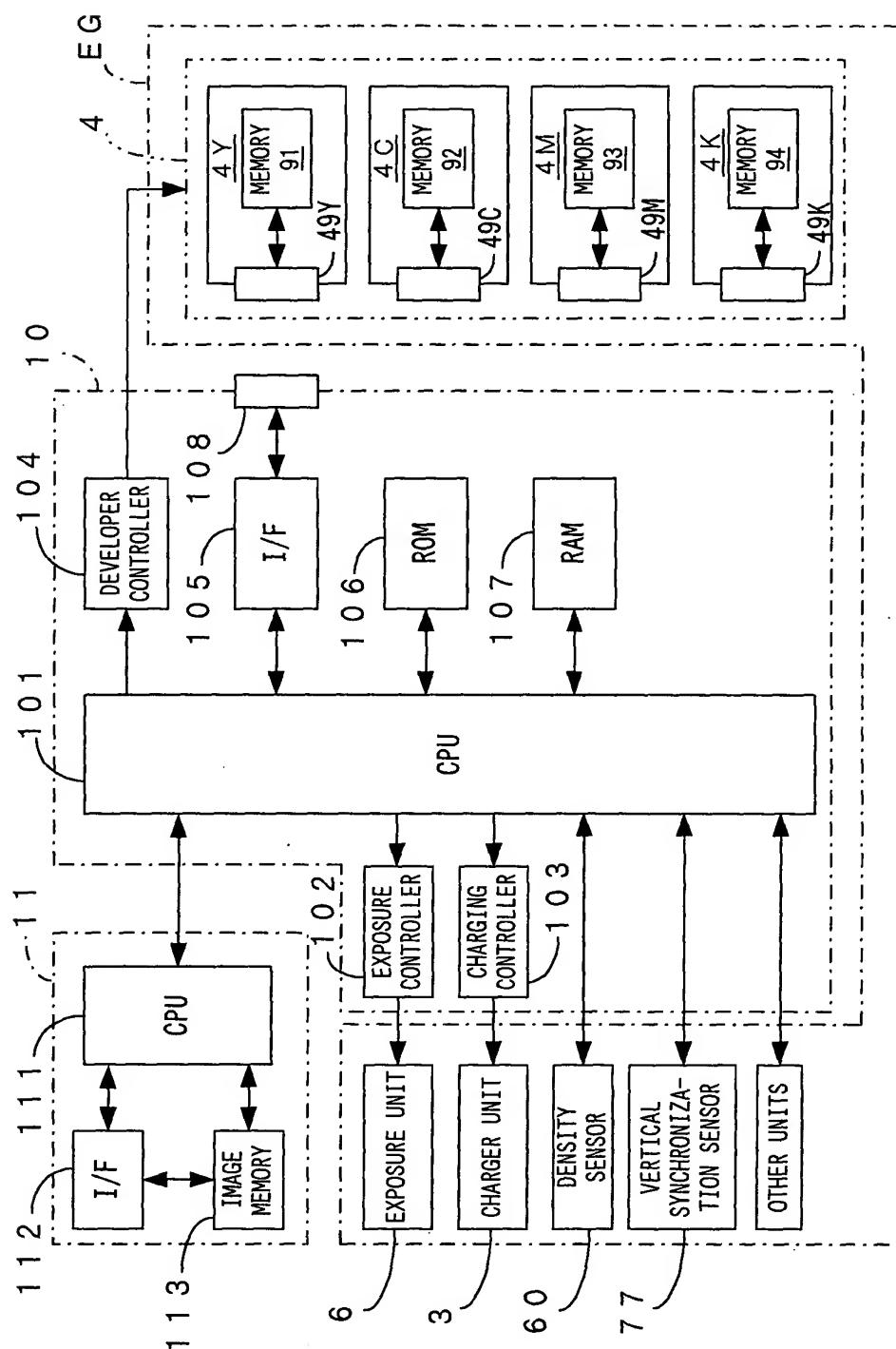


FIG. 2



F I G. 3

4 K (4 C, 4 M, 4 Y)

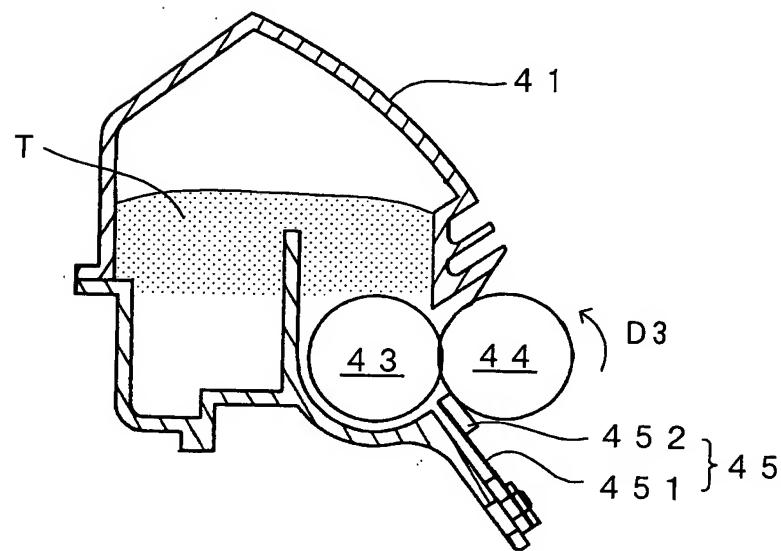
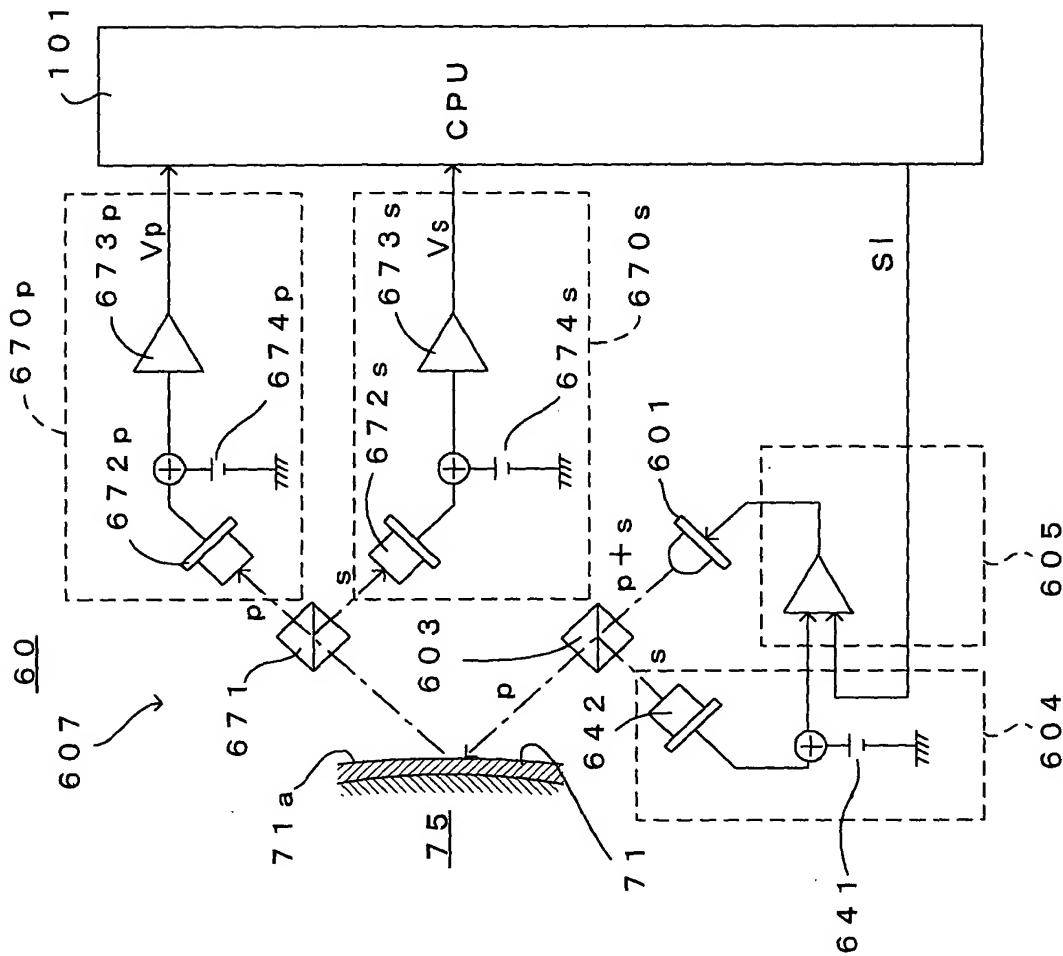


FIG. 4



F I G . 5

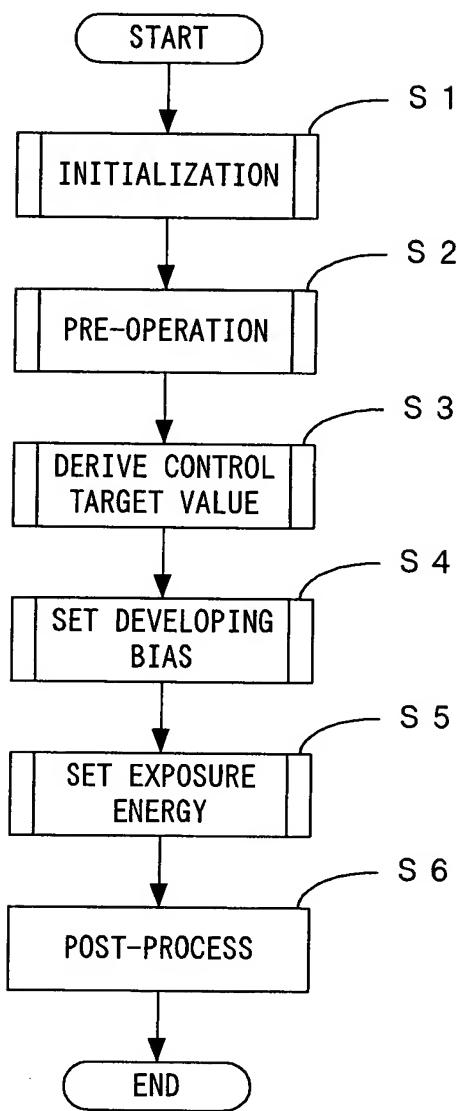


FIG. 6

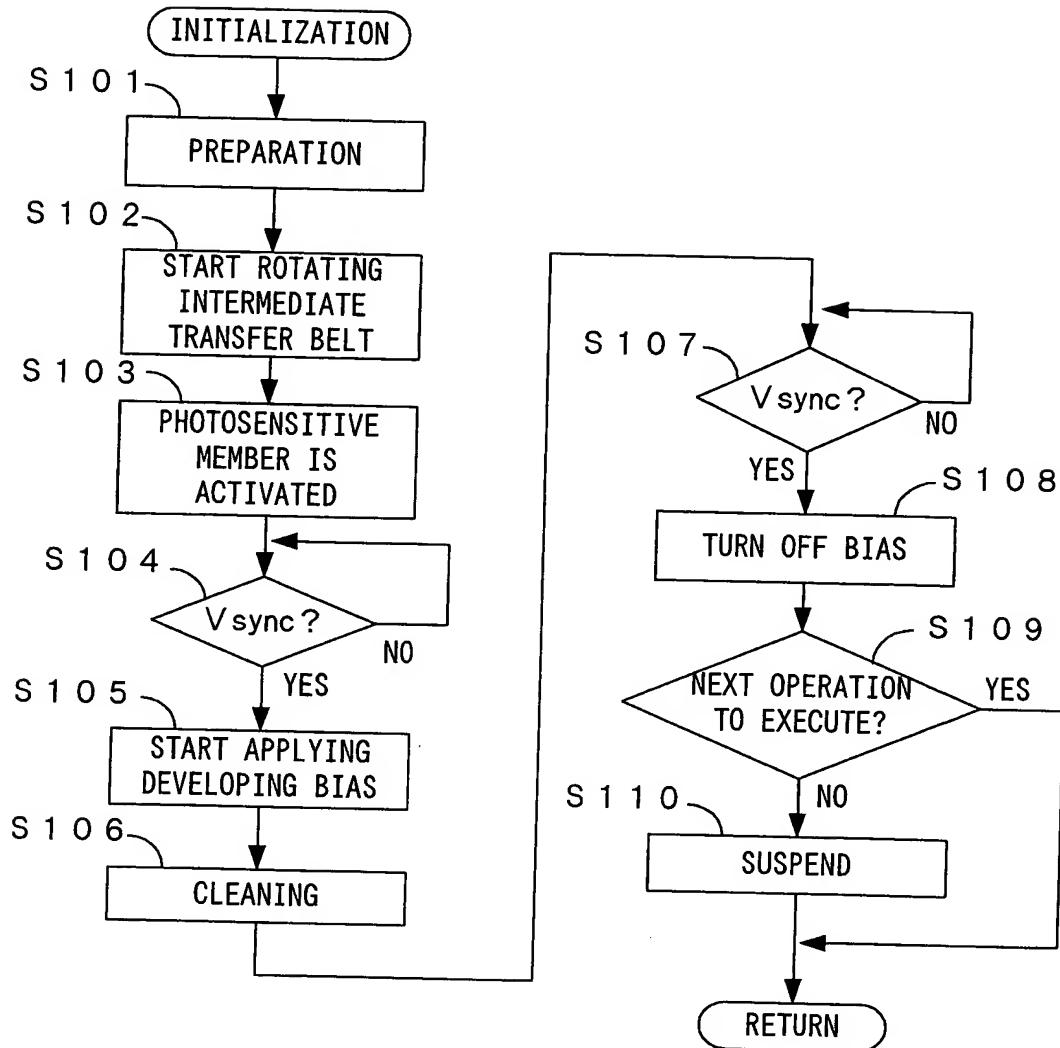


FIG. 7

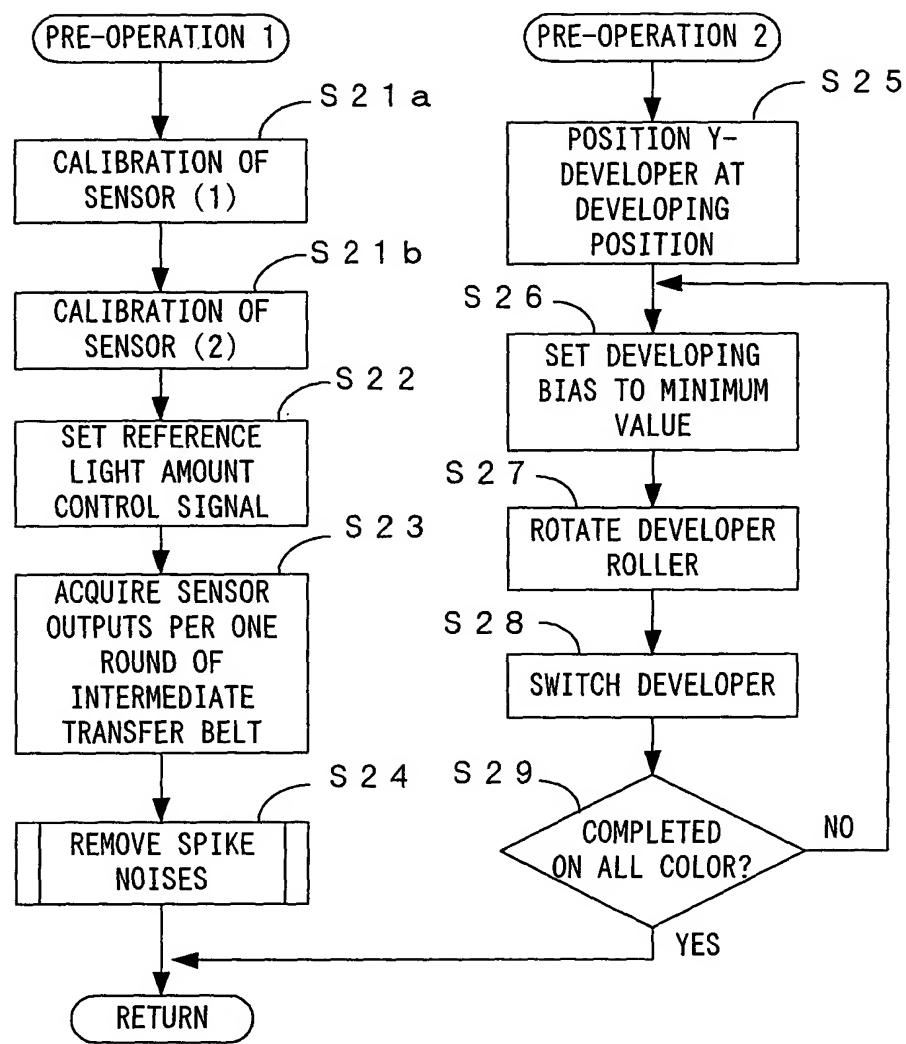


FIG. 8 A

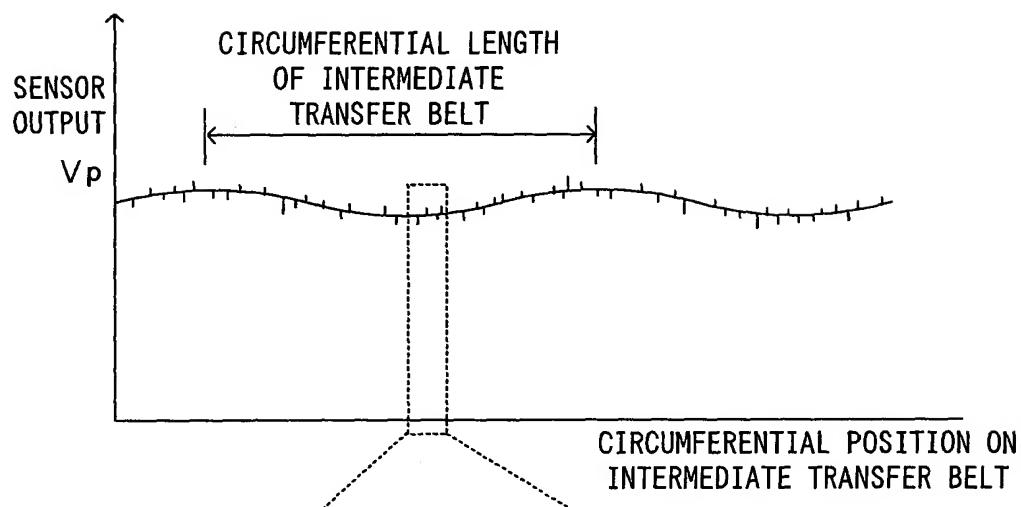
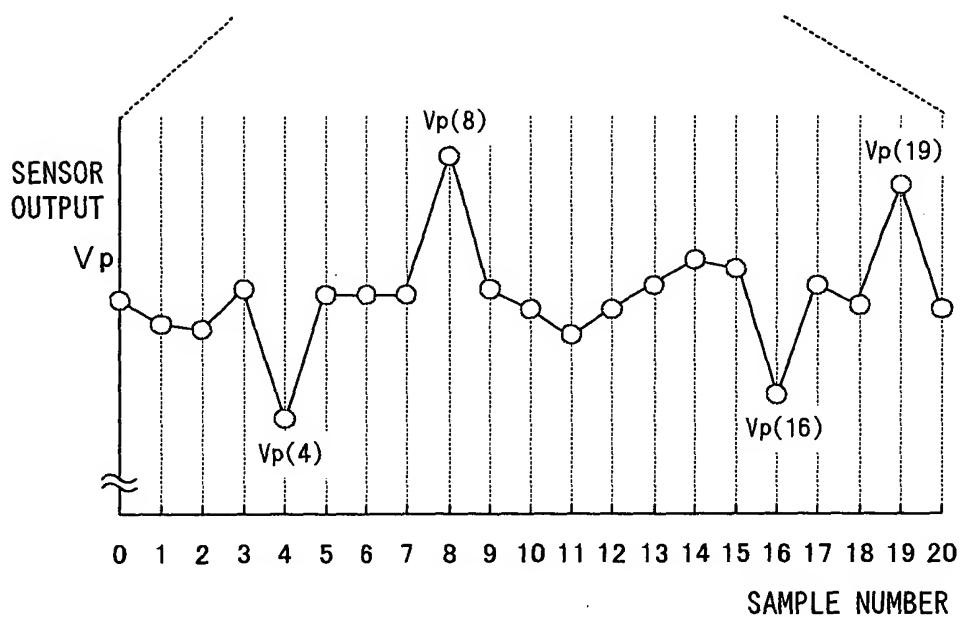
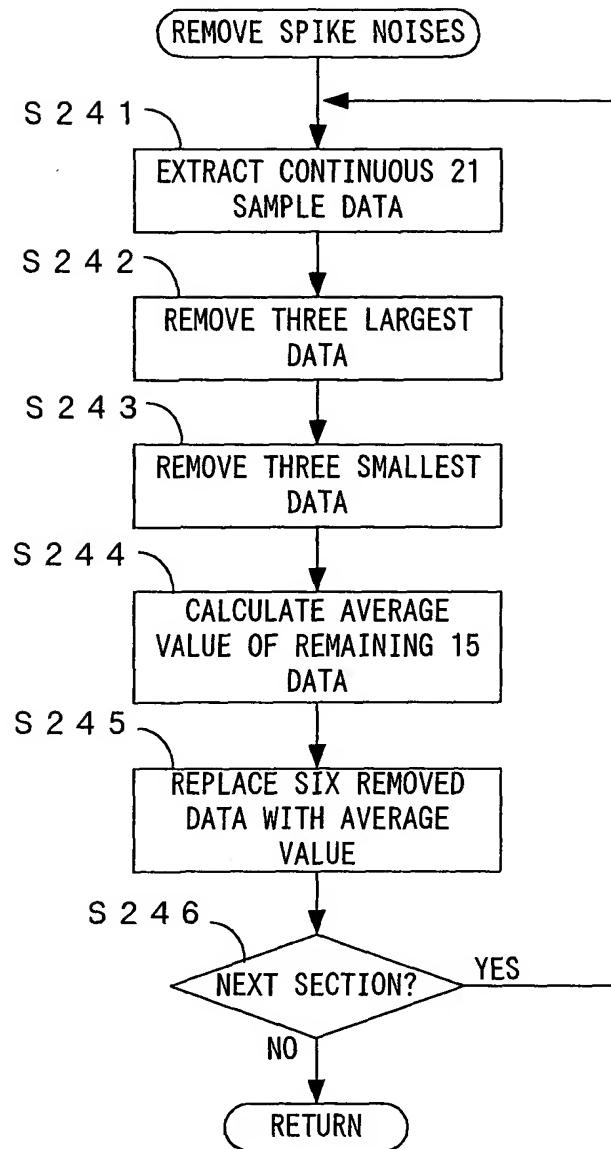


FIG. 8 B



F I G. 9



F I G. 1 0

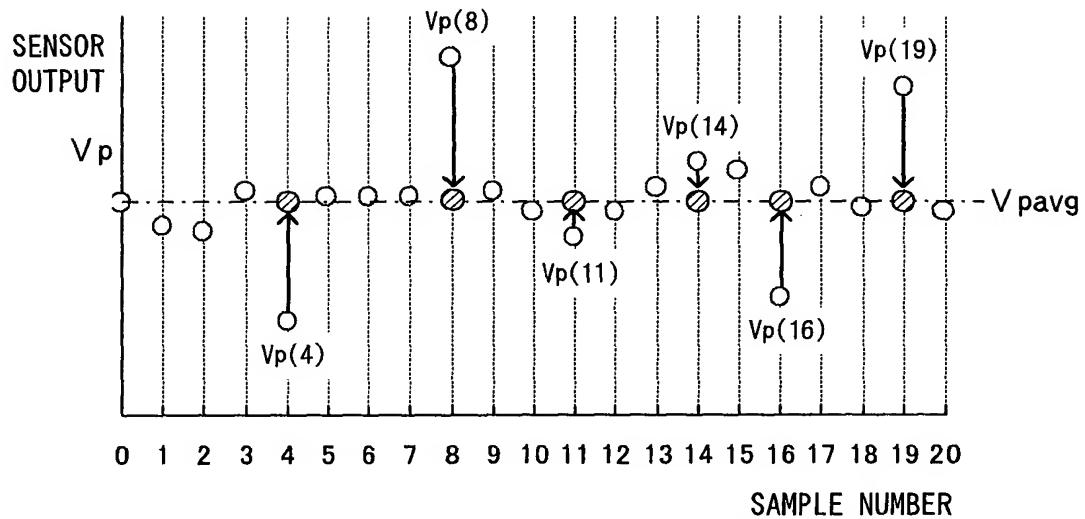


FIG. 11 A

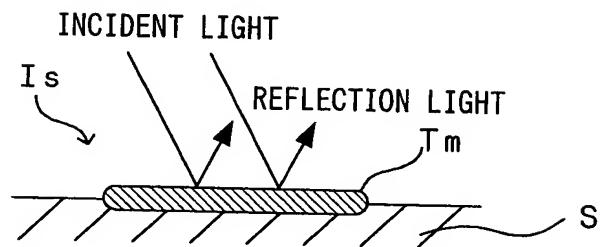


FIG. 11 B

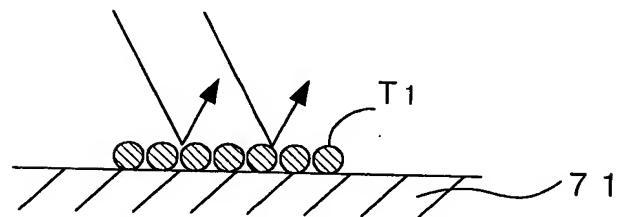
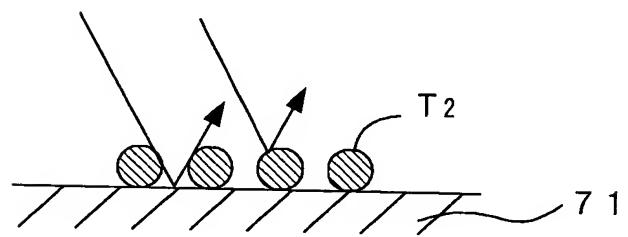


FIG. 11 C



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APPARATUS AND METHOD OF
FORMING PATCH IMAGE.....
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FIG. 12A:
DISTRIBUTION OF PARTICLE DIAMETER

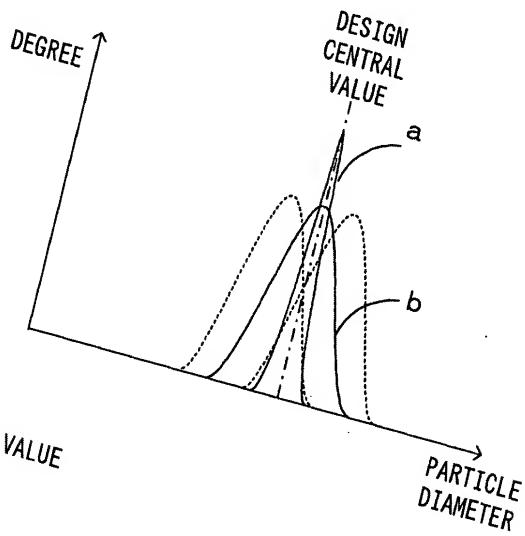
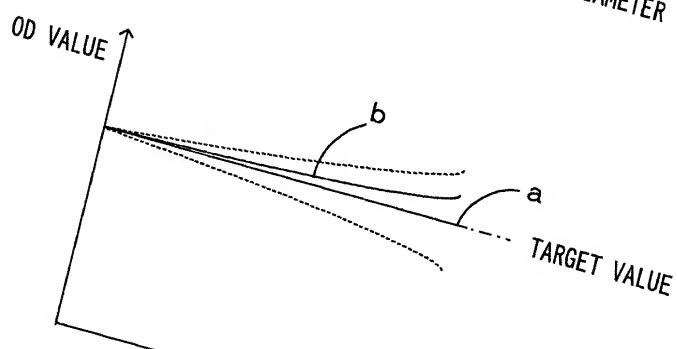


FIG. 12B:
CHANGE IN OD VALUE



TONER CONSUMPTION
(INTEGRATED VALUE)

F I G . 1 3

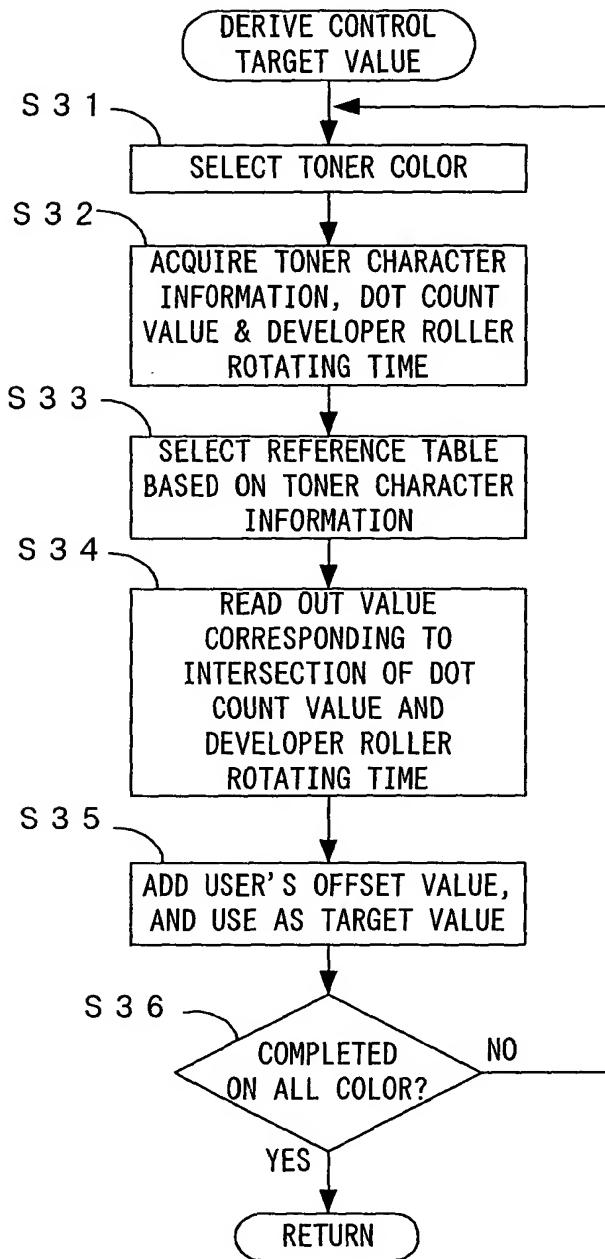


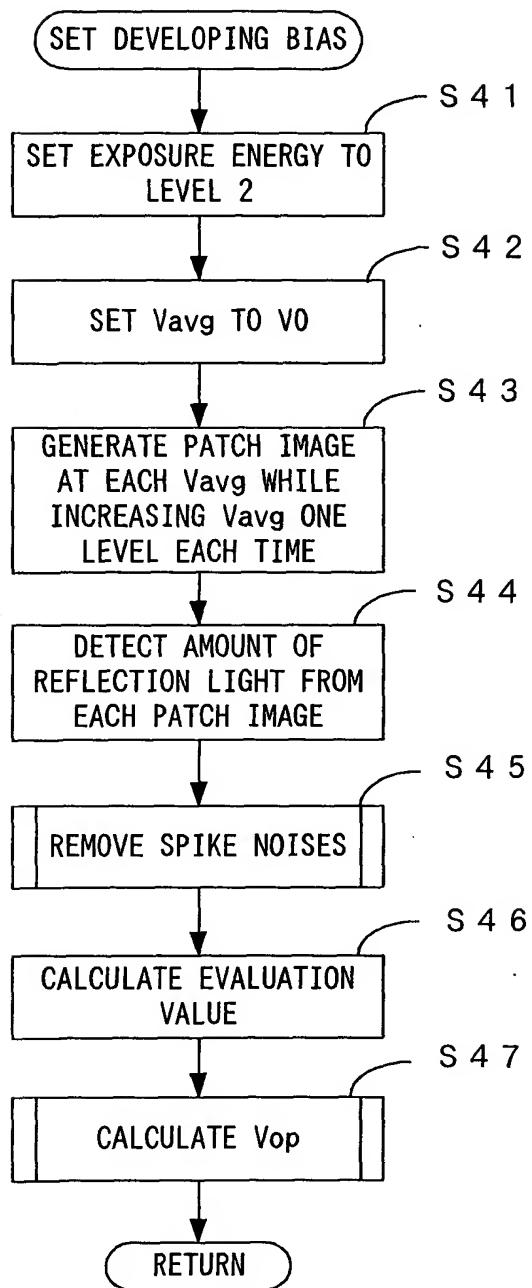
FIG. 14A:
HIGH-DENSITY PATCH IMAGE

TONER CHARACTER INFORMATION = "0"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
DOT COUNT VALUE	~1000000	0.990	0.988	0.984	0.982
	~2000000	0.988	0.984	0.982	0.982
	~6666666	0.984	0.982	0.982	0.982
	~12000000	0.982	0.982	0.982	0.982

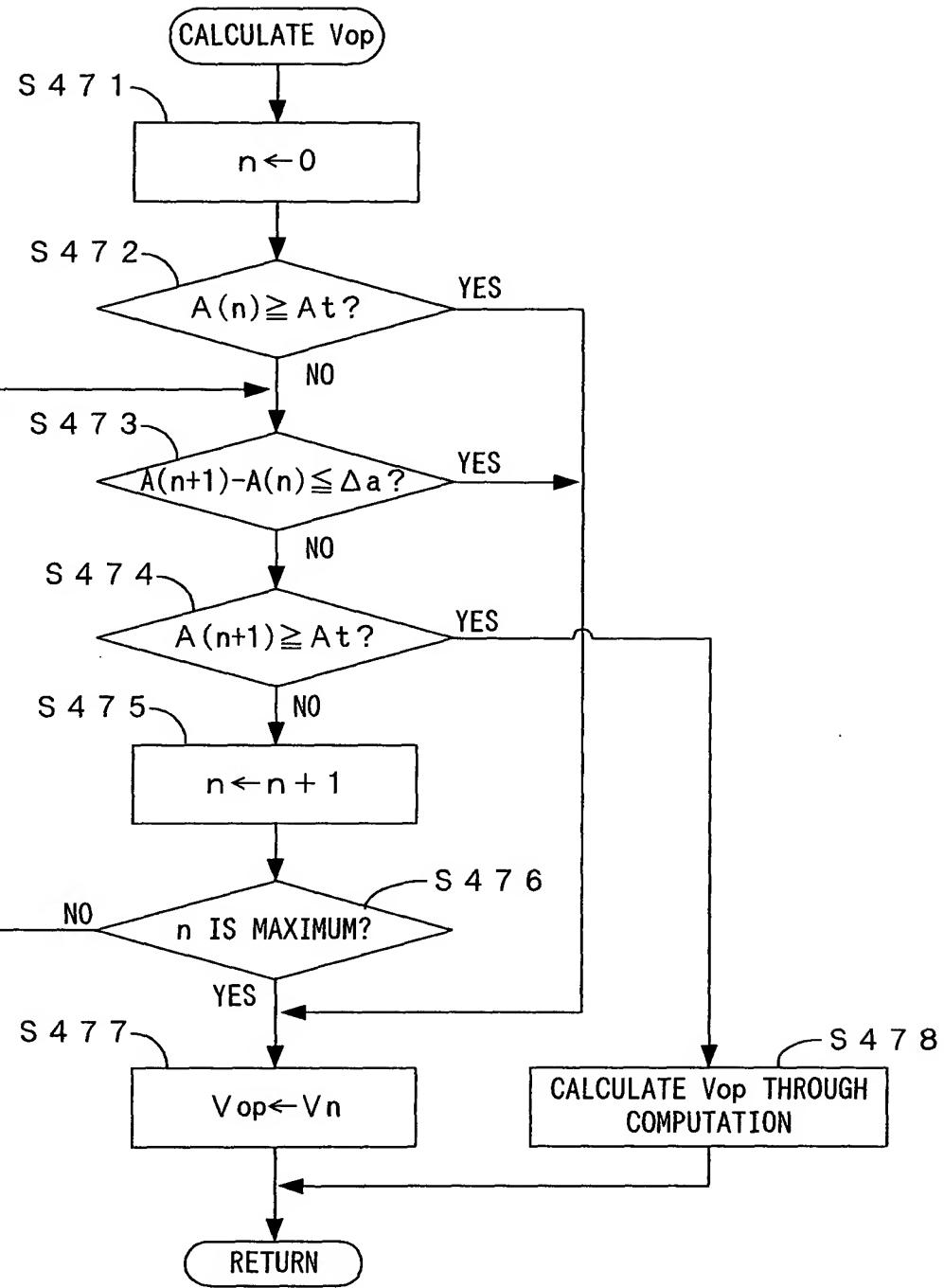
FIG. 14B:
LOW-DENSITY PATCH IMAGE

TONER CHARACTER INFORMATION = "0"		DEVELOPER ROLLER ROTATING TIME(sec)			
		~1325	~3975	~6625	~10600
DOT COUNT VALUE	~1000000	0.185	0.182	0.181	0.180
	~2000000	0.182	0.181	0.180	0.180
	~6666666	0.181	0.180	0.180	0.180
	~12000000	0.180	0.180	0.180	0.180

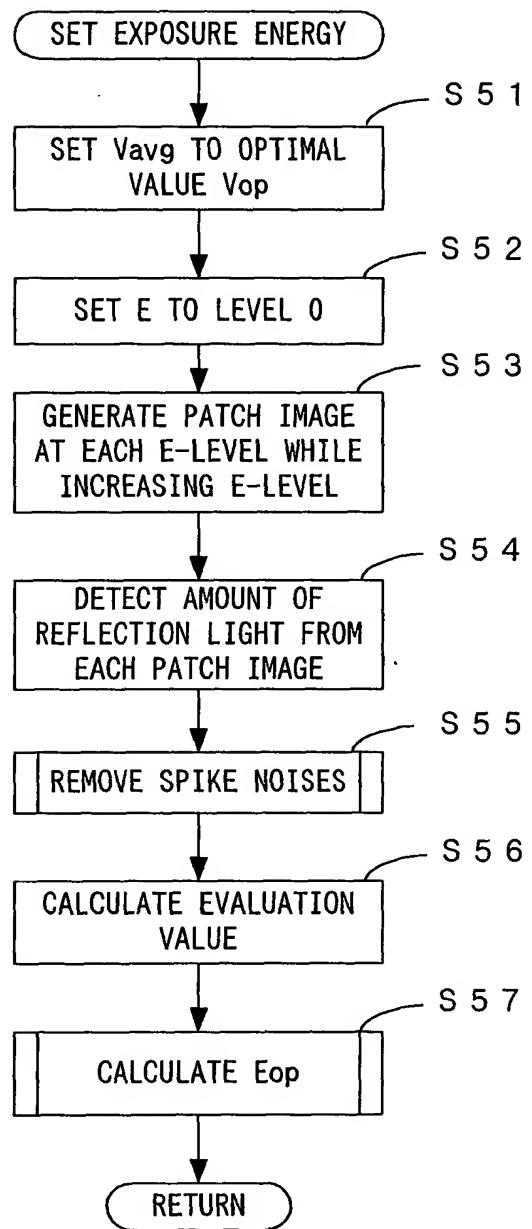
F I G . 1 5



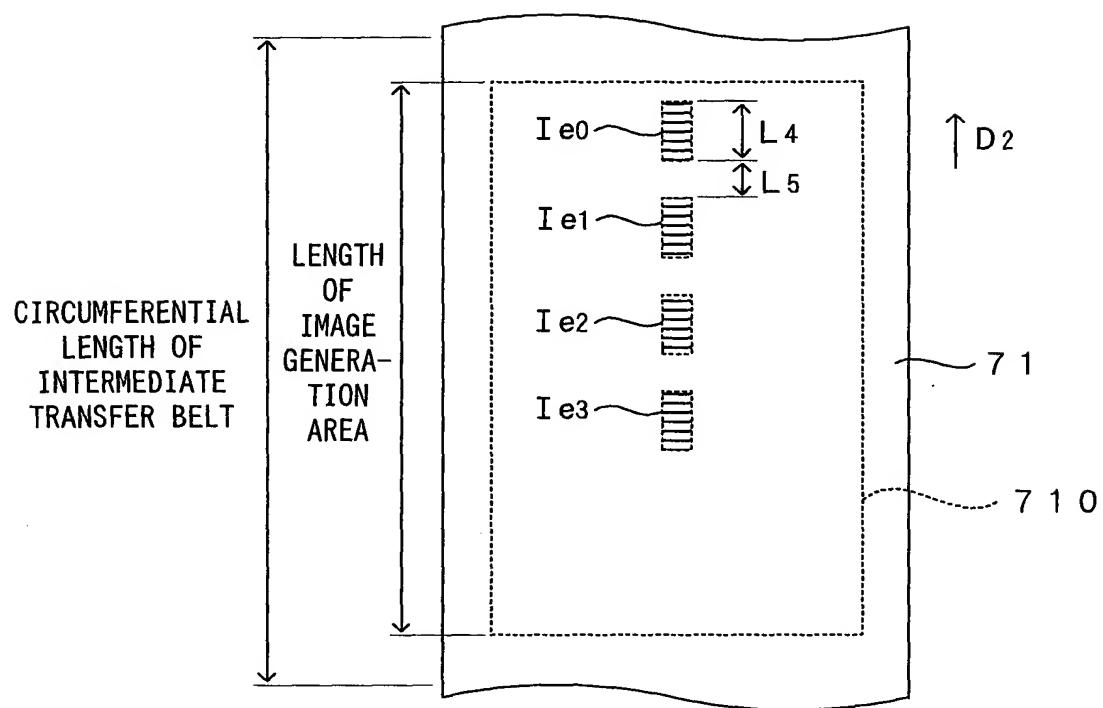
F I G . 1 6



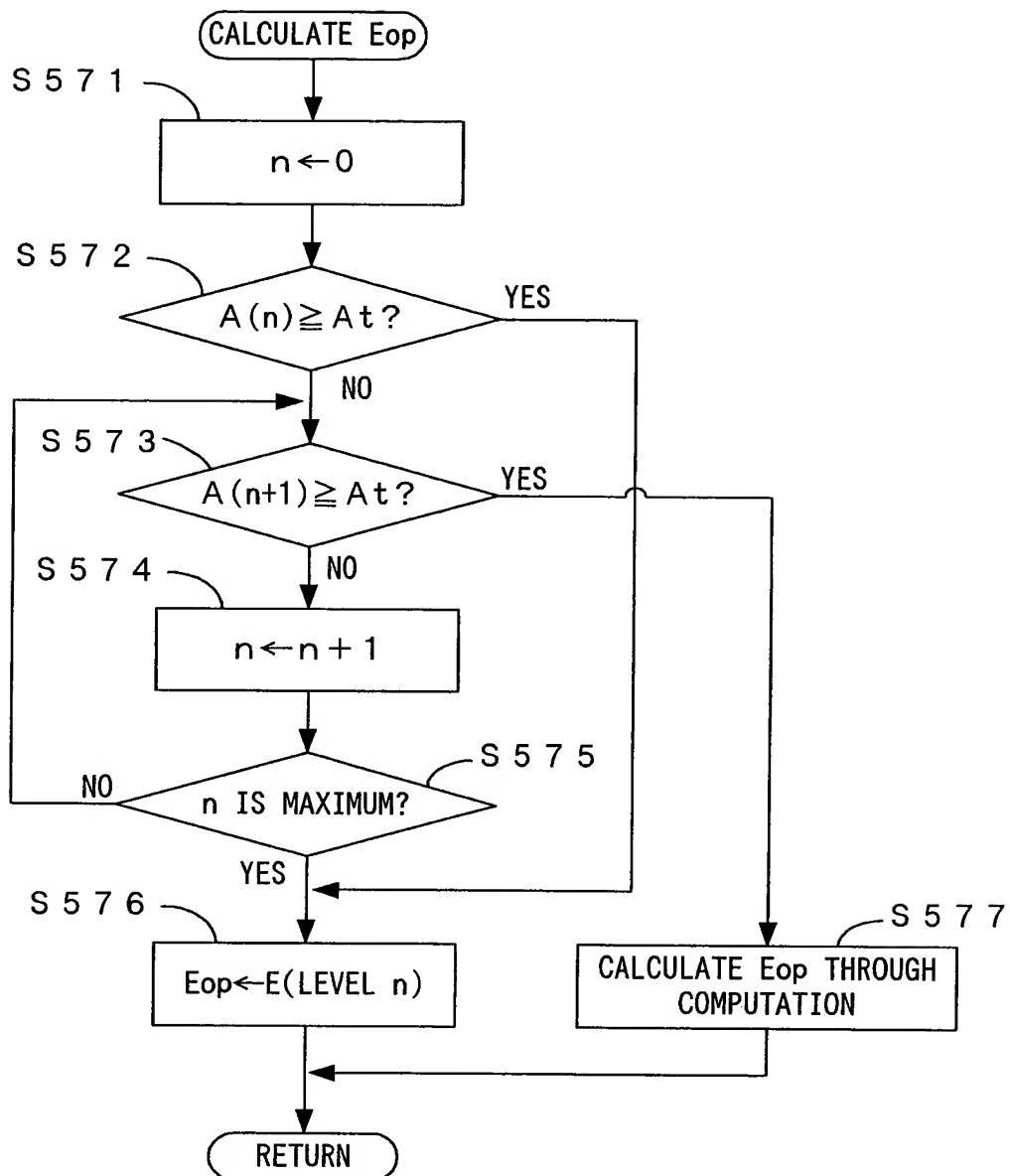
F I G. 17



F I G. 1 8



F I G . 1 9



F I G . 2 0

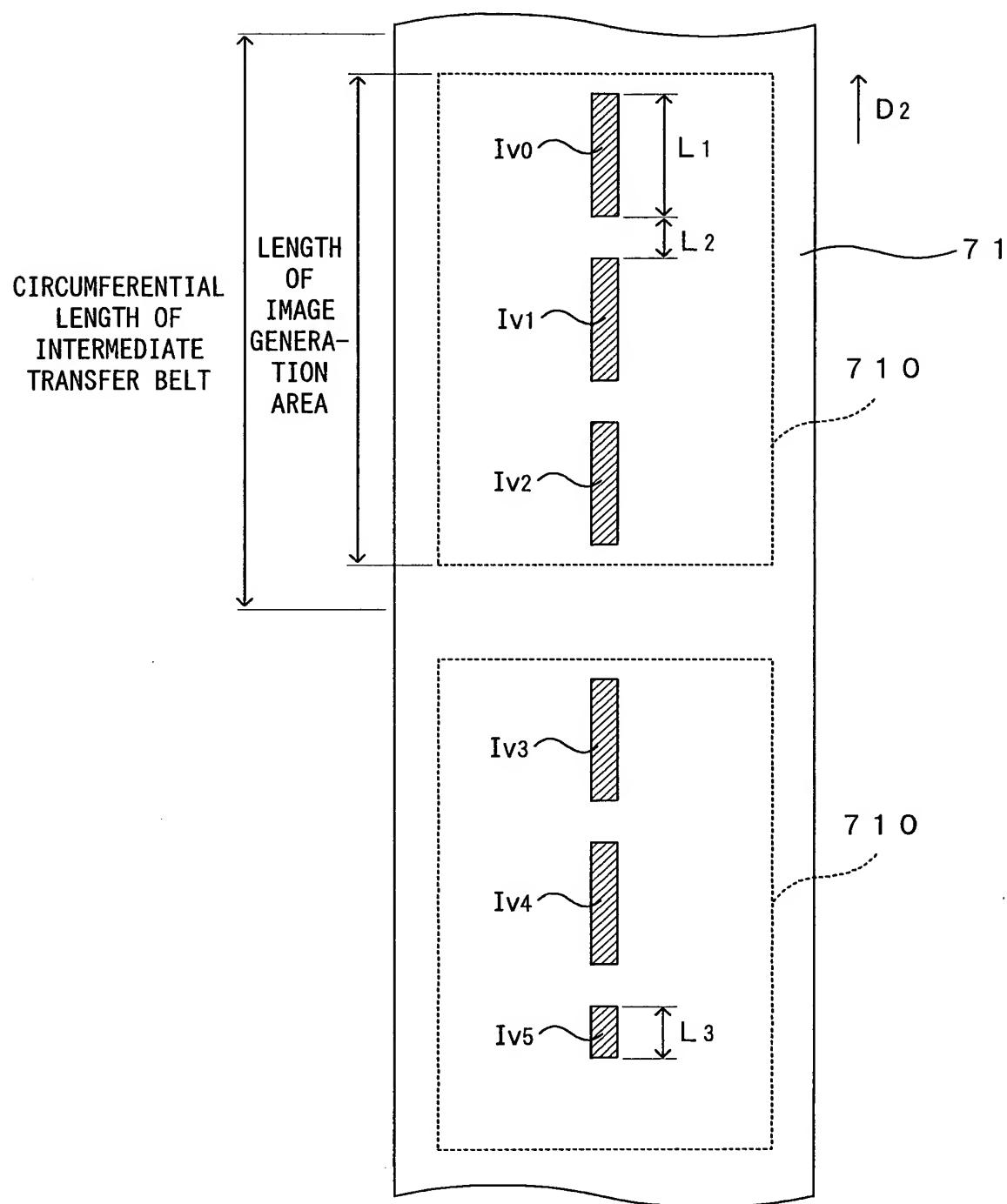


FIG. 21 A

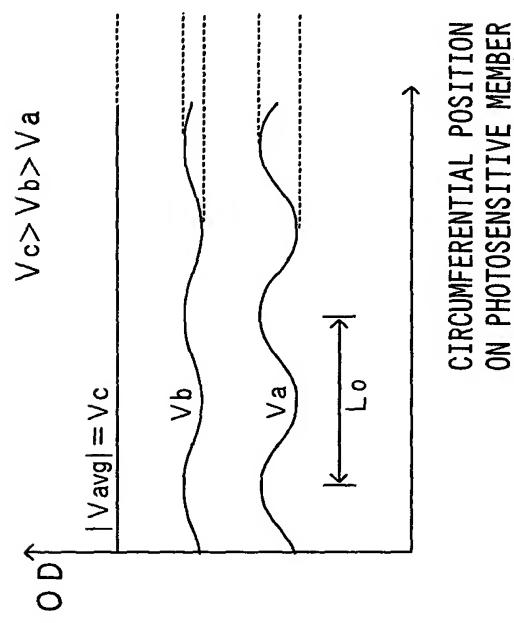
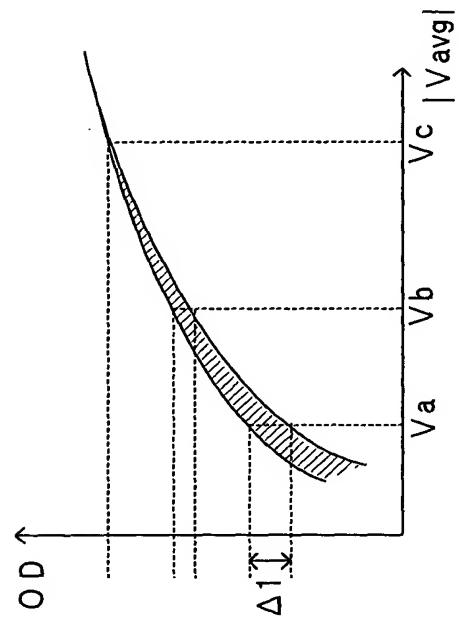
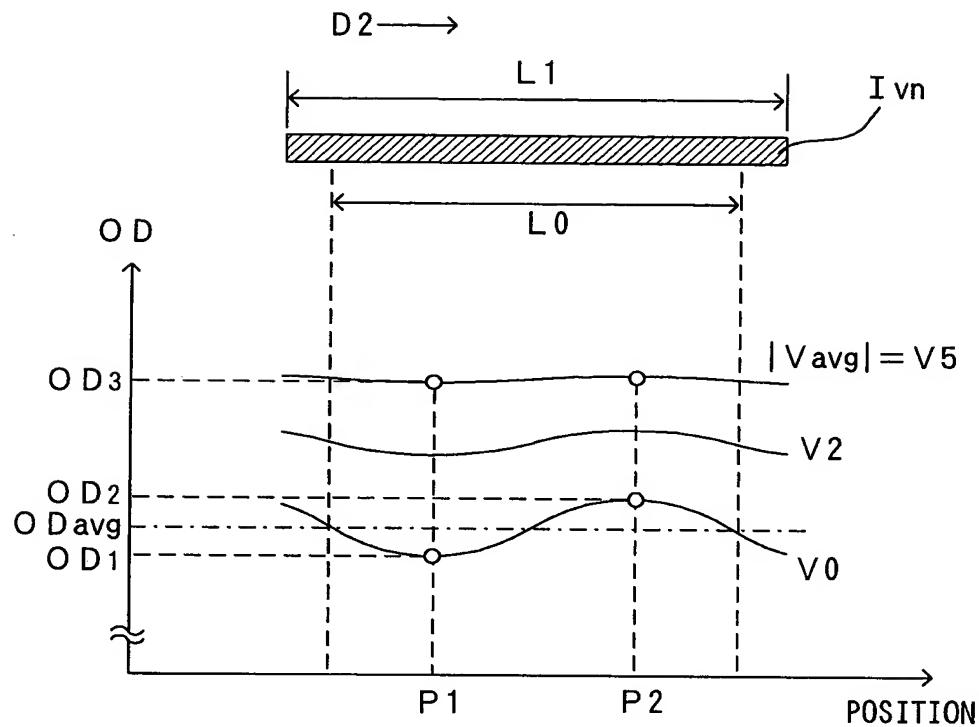


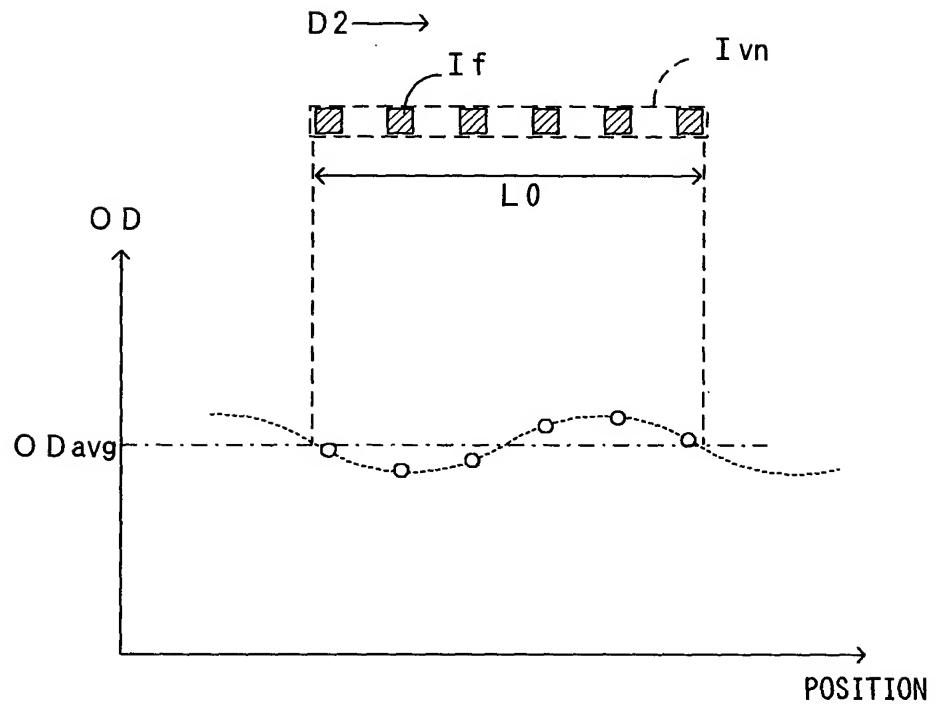
FIG. 21 B



F I G. 22



F I G. 23



F I G . 2 4

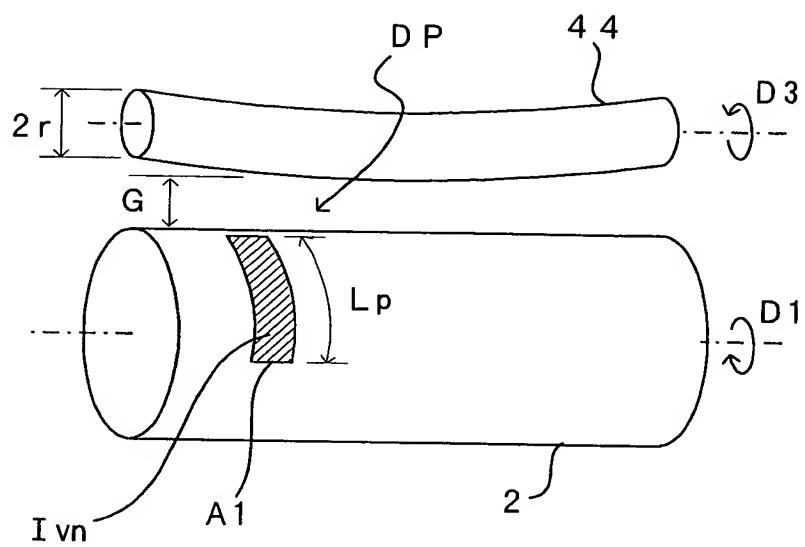


FIG. 25 A

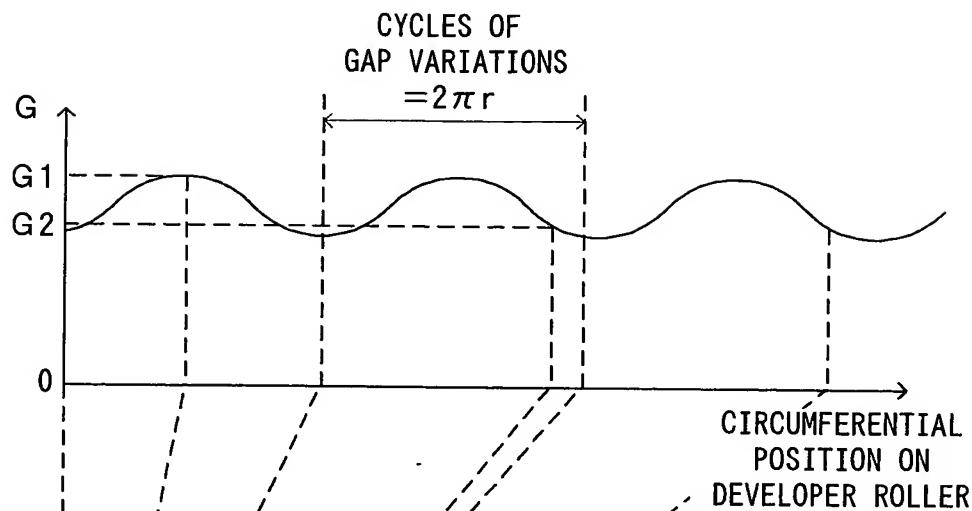


FIG. 25 B

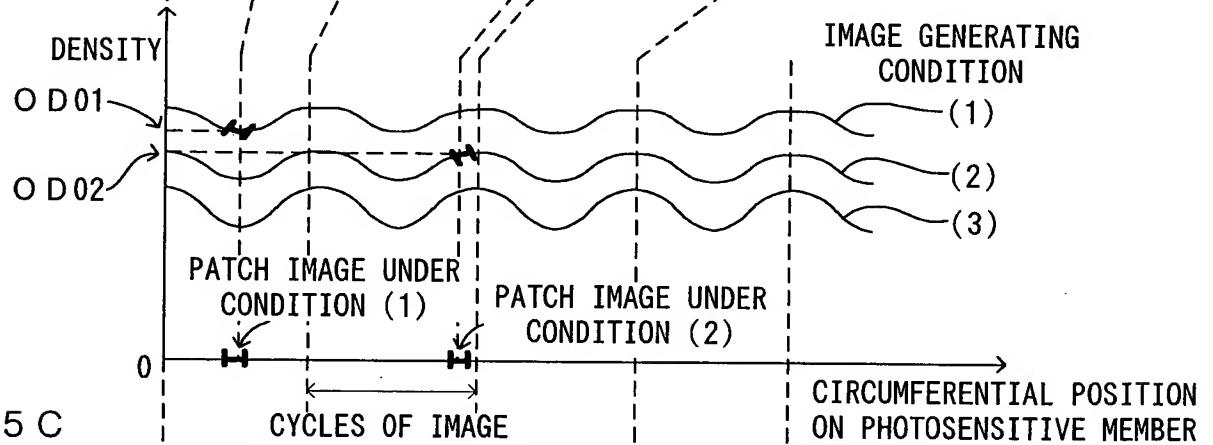


FIG. 25 C

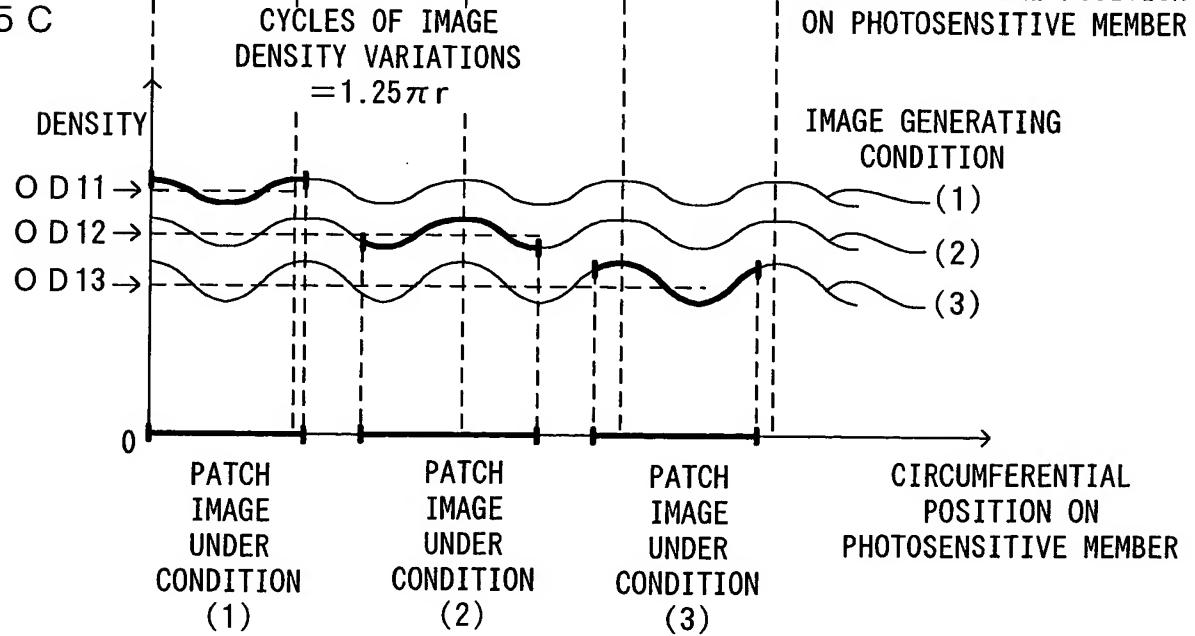


FIG. 26 A

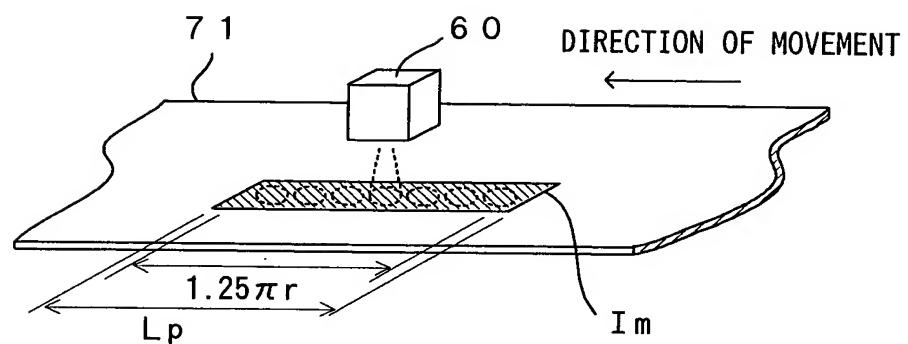
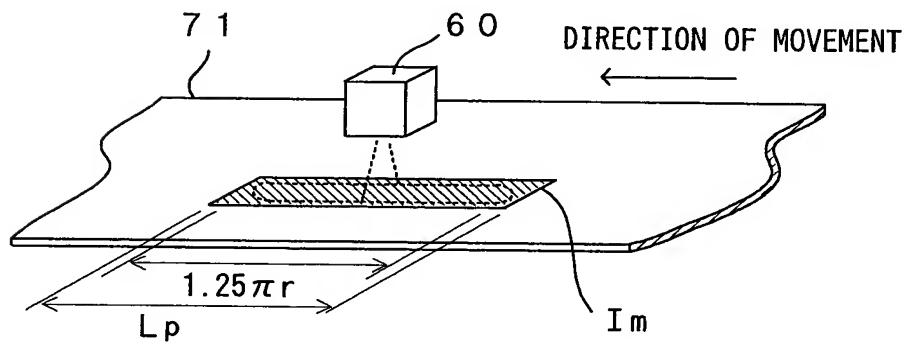


FIG. 26 B



F I G . 2 7

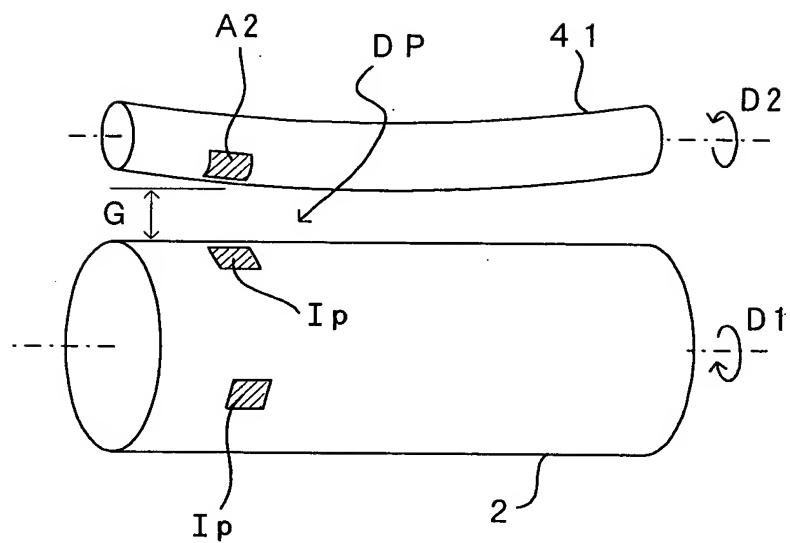


FIG. 28 A

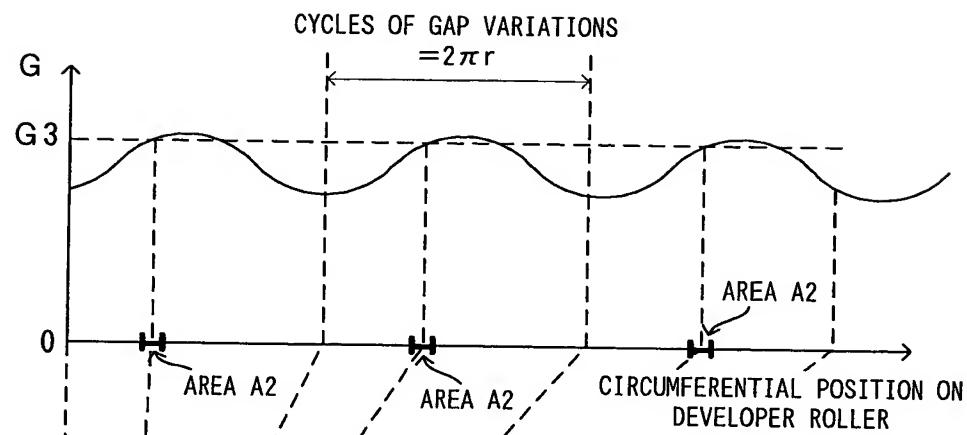
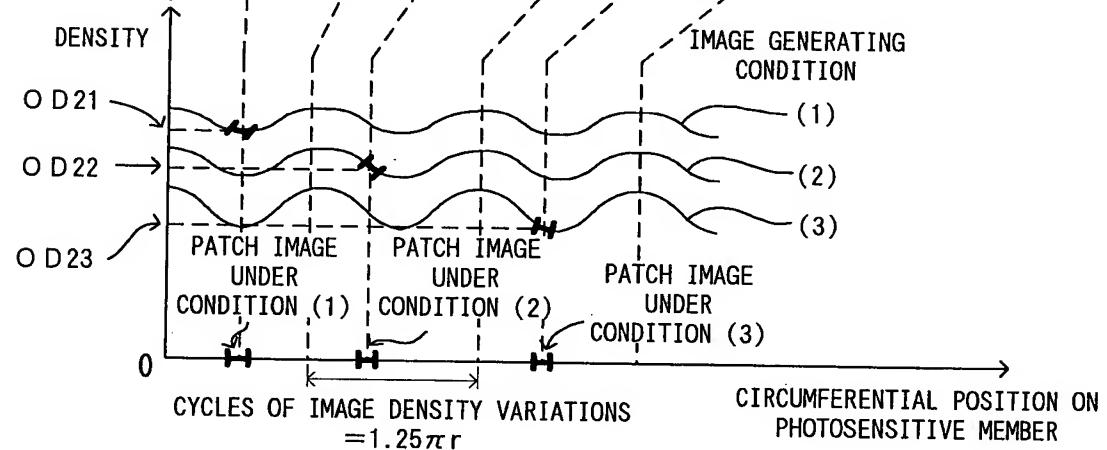
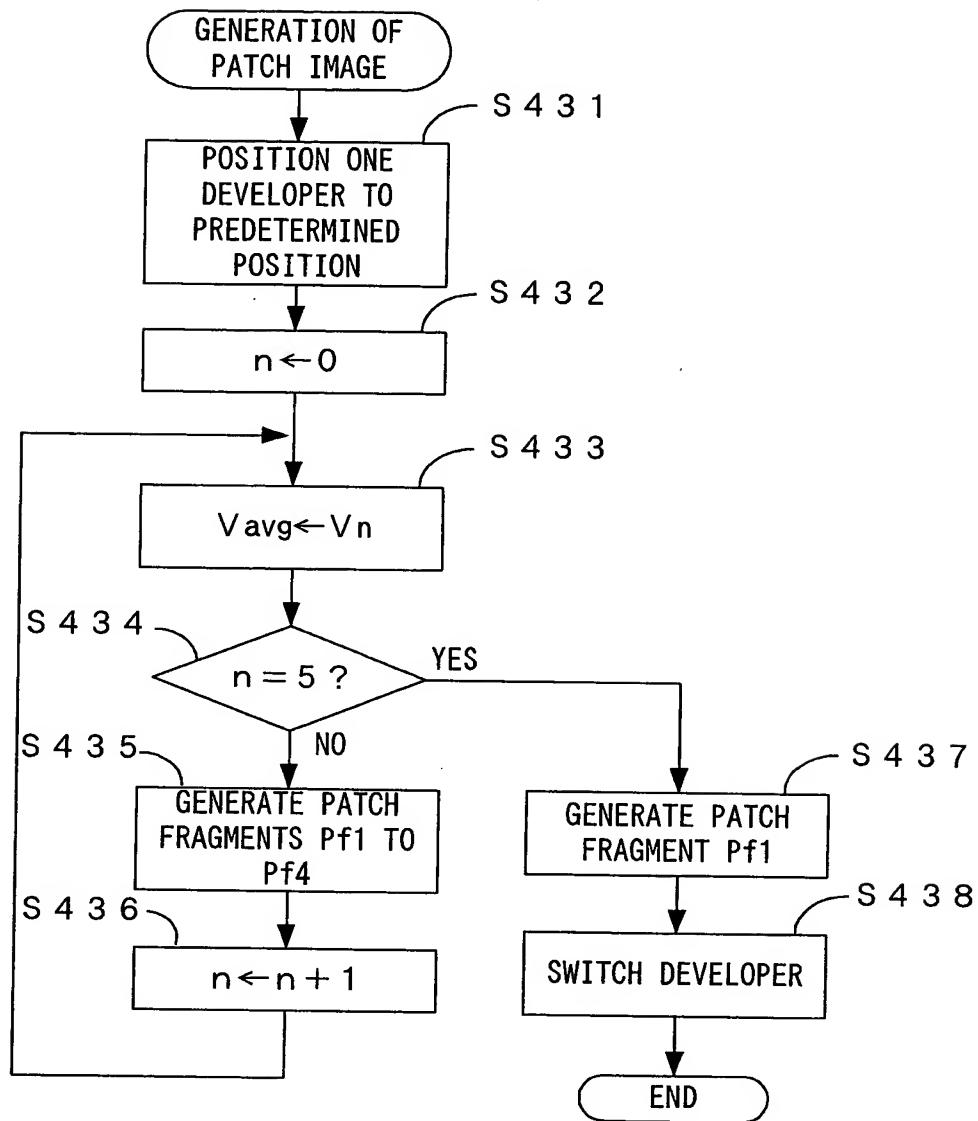


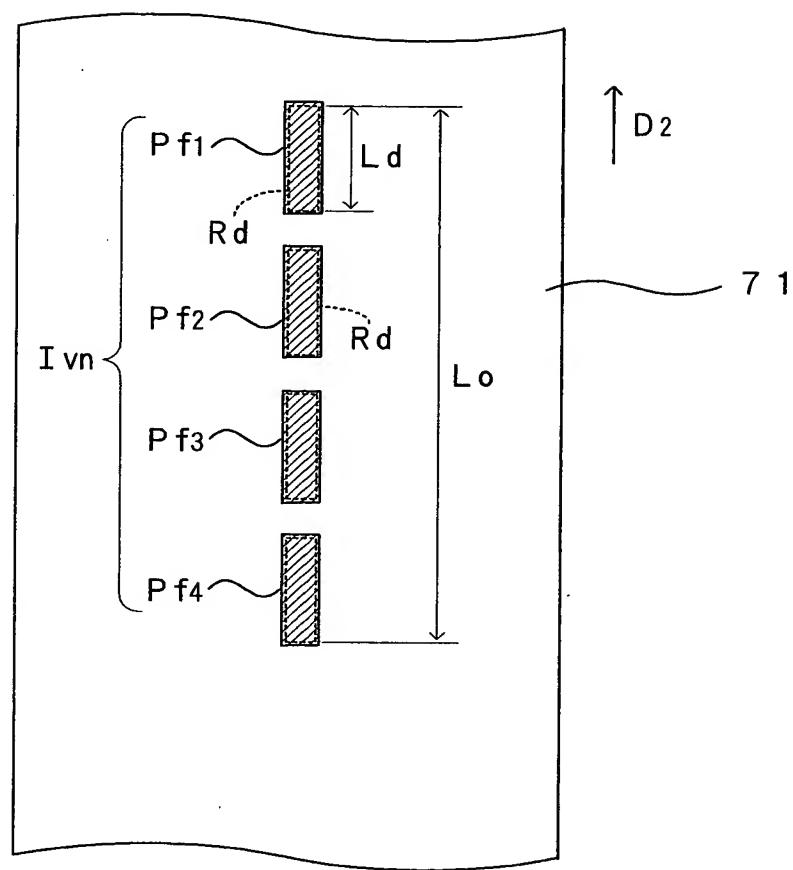
FIG. 28 B



F I G. 2 9



F I G . 3 0



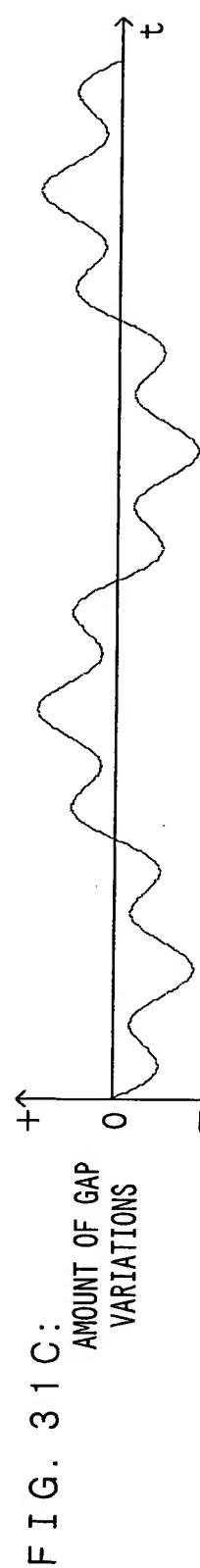
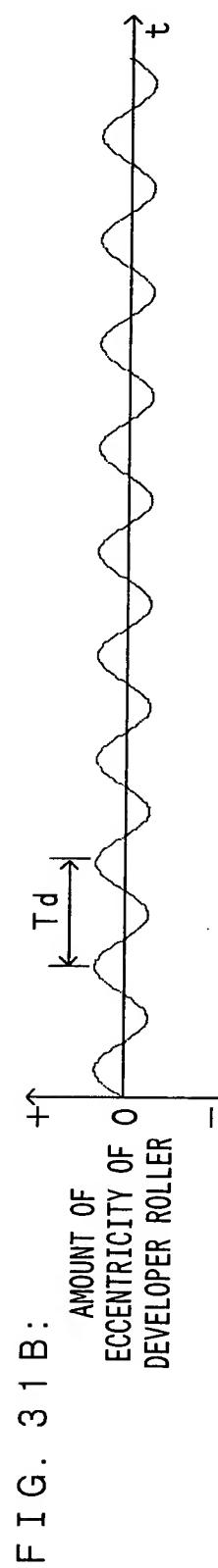
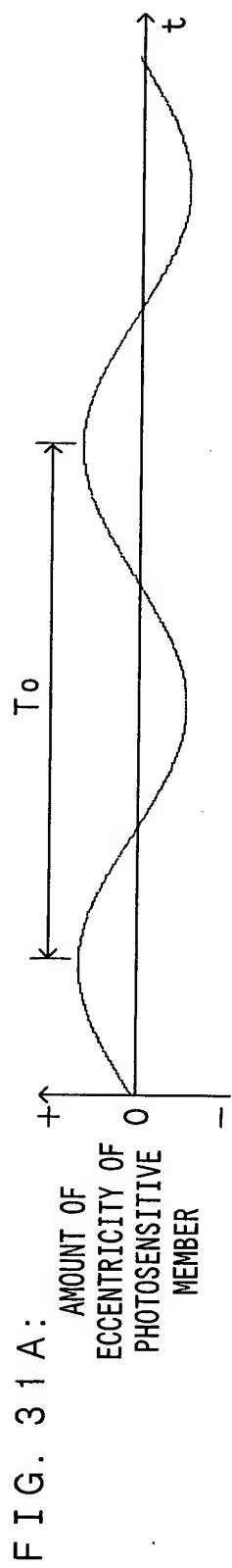
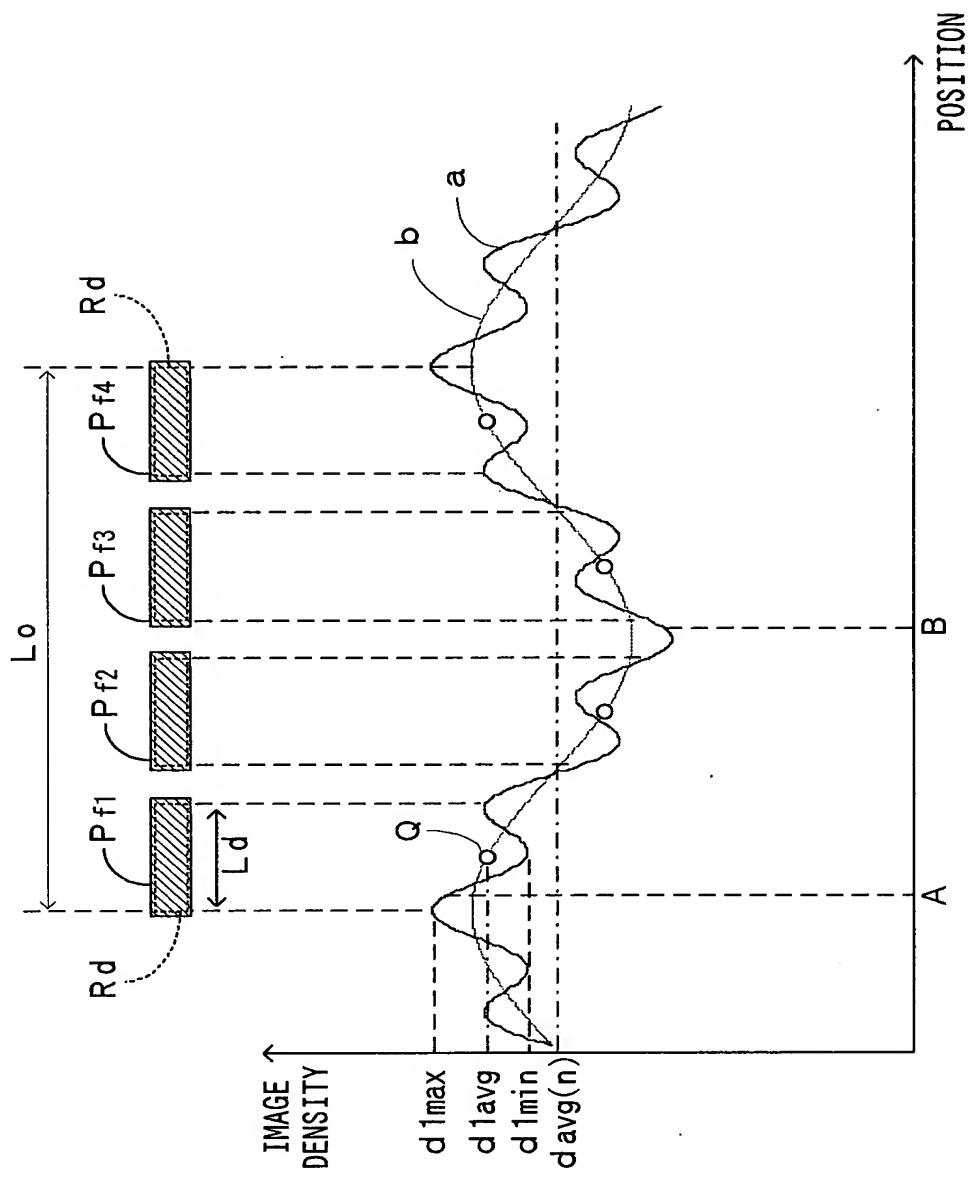
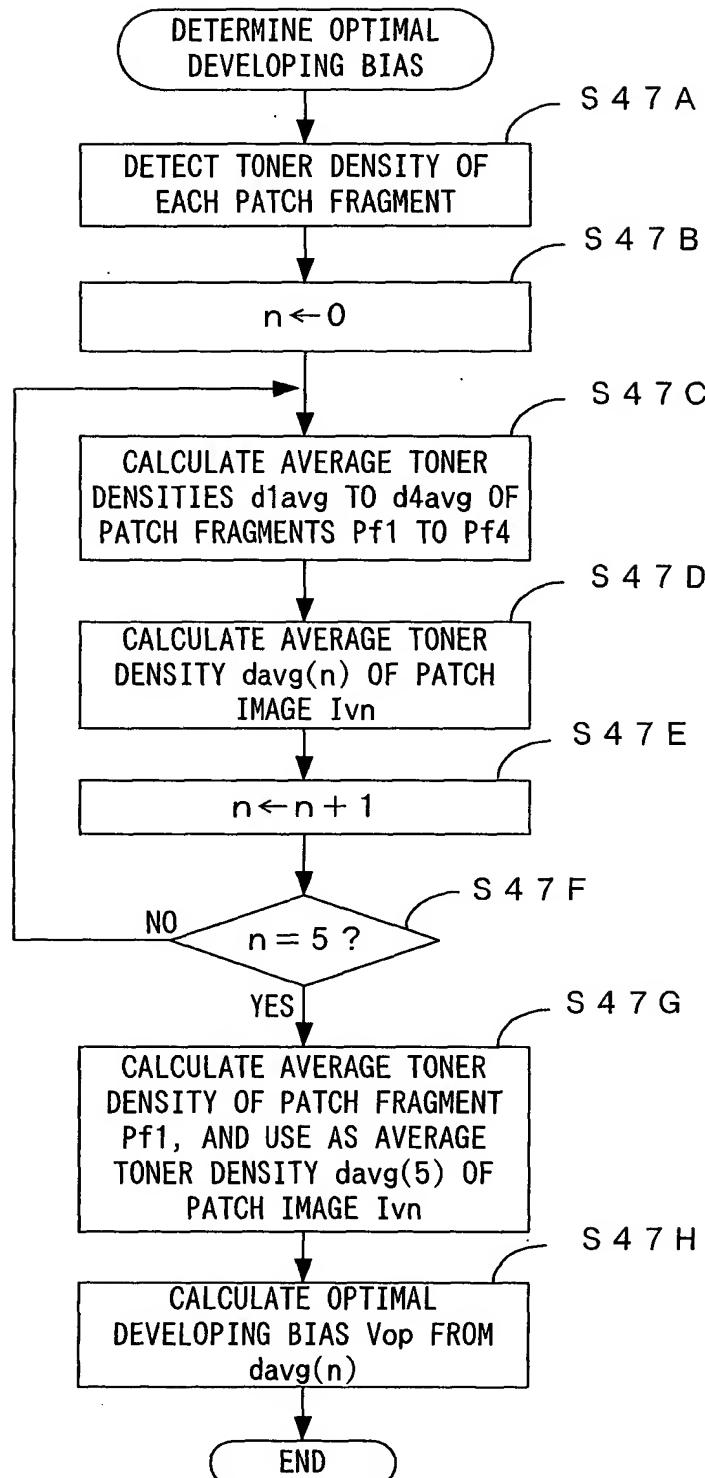


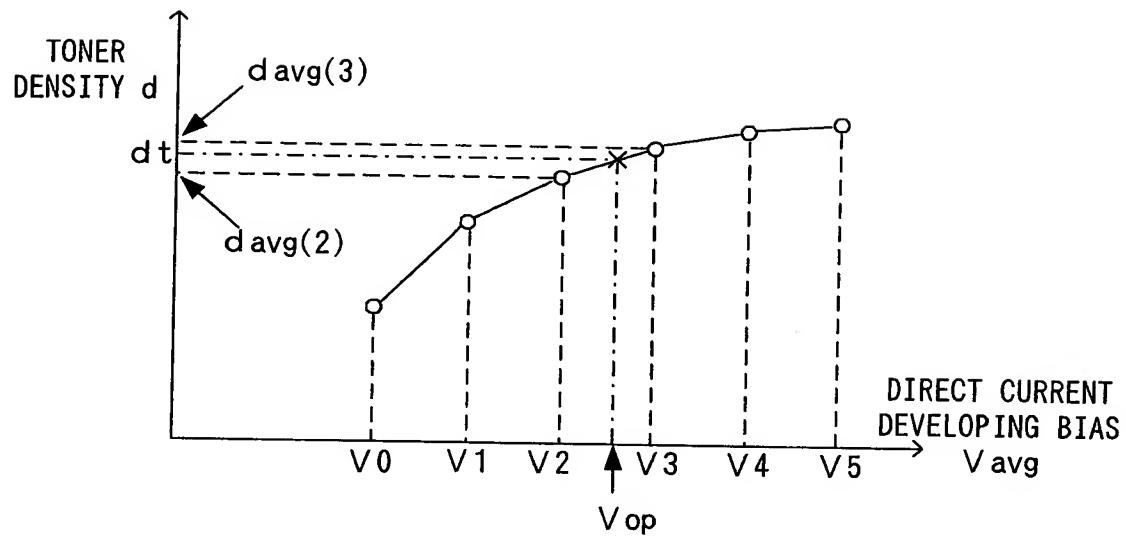
FIG. 32



F I G . 3 3



F I G. 3 4



F I G . 3 5

